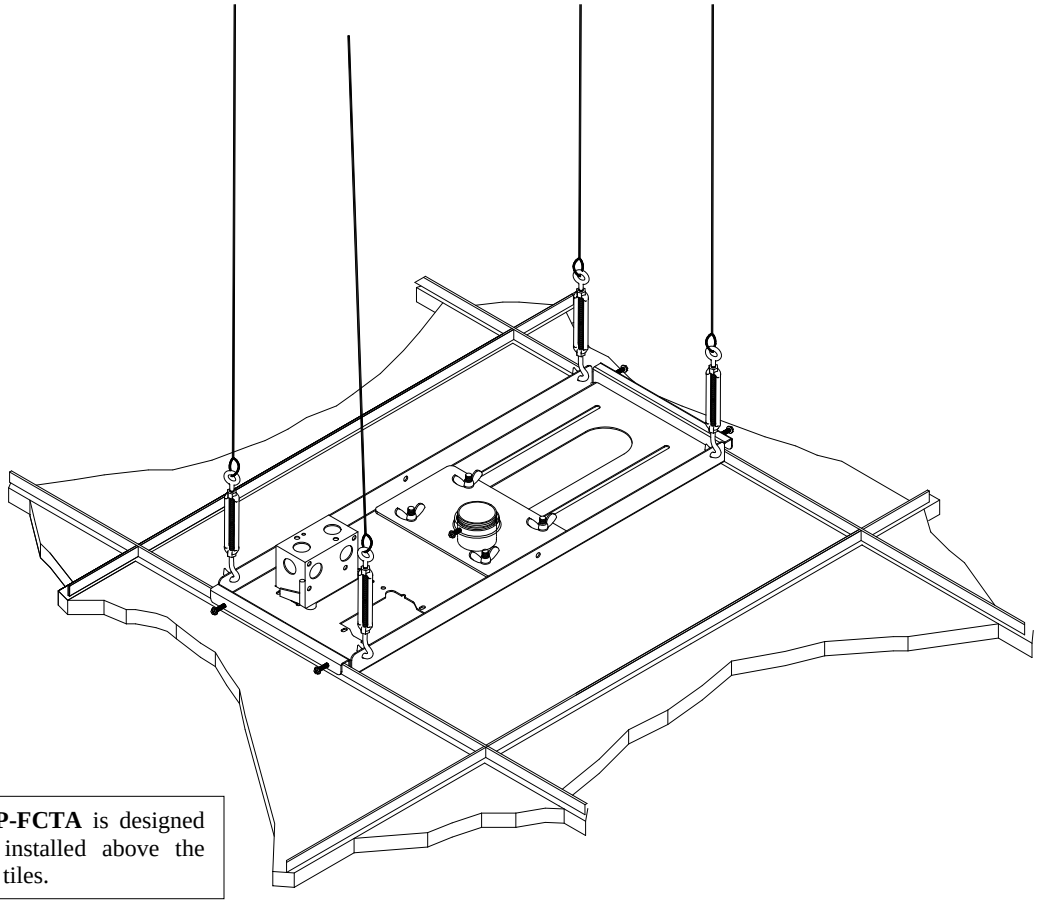
INSTALLATION MANUAL

CEILING MOUNT MODEL

PP-FCTA



The **PP-FCTA** is designed to be installed above the ceiling tiles.

PREMIER MOUNTS™
The original holding company

Premier Mounts
3130 E. Miraloma Avenue
Anaheim, CA 92806
Phone: (800) 368-9700 Fax: (800) 832-4888
mounts@mounts.com www.mounts.com

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Safety & Precautions

WARNING Safety precaution measures must be practiced at all times during the installation of this product. Use proper safety gear and tools for the installations procedure to prevent personal injury.

WARNING!

The ceiling structure must be capable of supporting at least five (5) times the weight of projector. If not, the ceiling structure must be reinforced. Proper installation procedure by qualified personnel as outlined in the installations instructions must be adhered to. Failure to do so could result in serious personal injury.

The entire installation instructions should be fully read and understood, including all of the safety symbols and safety precautions, before beginning installation. The installation instructions should be read, understood and followed to prevent personal injury or property damage. Keep these installation instructions in an easily accessible location for future reference.

Indicates that the power plug is to be disconnected from the power outlet.

Contact Premier Mounts for any questions

Safety precautions must be taken at all times.

Warning and caution in general

Do not install near heater, direct sunlight or air conditioning or any other source of direct heat energy. Failure to do so may result in damage to the projector.

A qualified person should always perform the installation work.

Diagrams

SPECS

PART#:
PP-FCTA False ceiling mount

COLOR:
White

A. Ceiling main plate

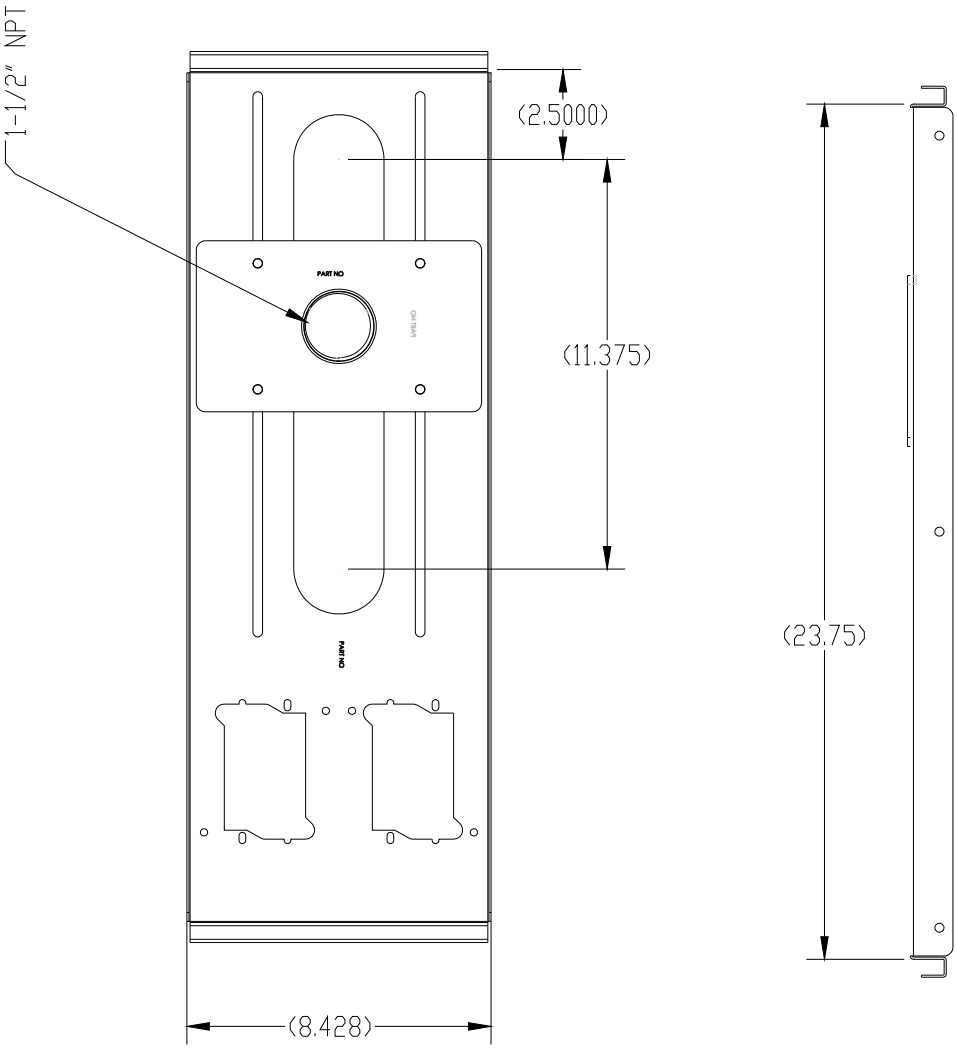
B. 1½" (NPT) adapter plate

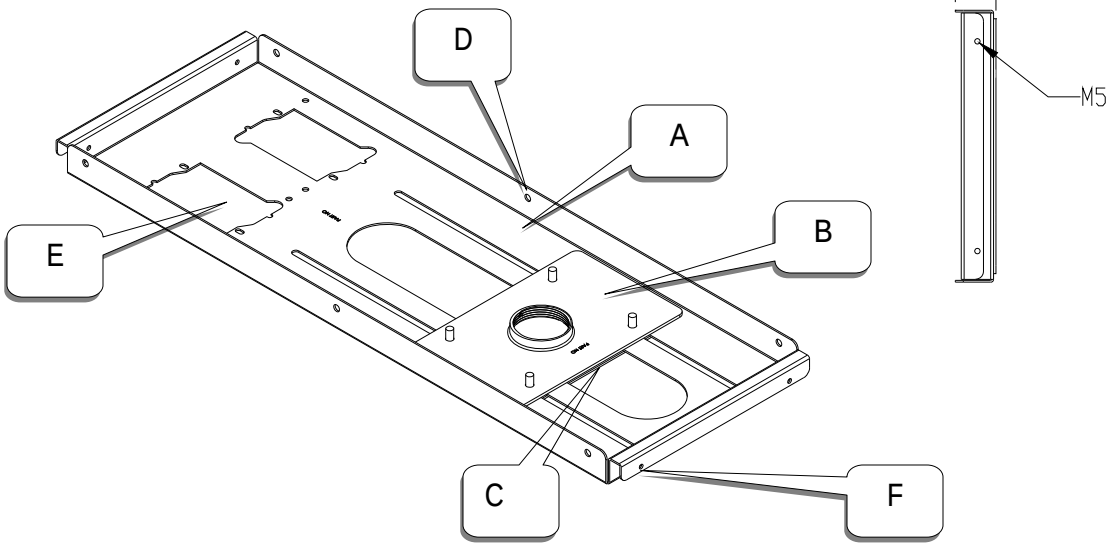
C. Ceiling stud plate

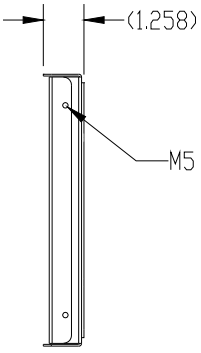
D. (6) Turnbuckle mounting points

F. (4) Securing points

E. (2) Electrical cut outs





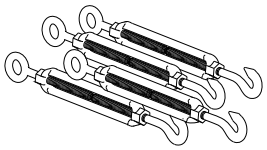


Parts List

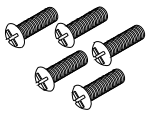
TOOLS & SUPPLY NEEDED

Phillips screwdriver, Pliers, Wire cutters
(Other tools required depending on the installation environment)

HARDWARE

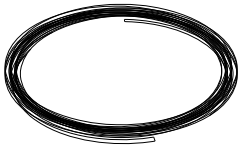


¼-20 Turnbuckles (Qty 4)

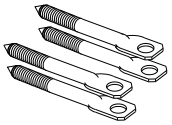


(5) M5 x 16 Phillips head screws (Pre-assembled)

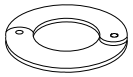
¼-20 Wing nuts (Pre-assembled) (Qty 4)



14 (GA) Galvanized steel wire



¼" x 3" Lag bolts (Qty 4)



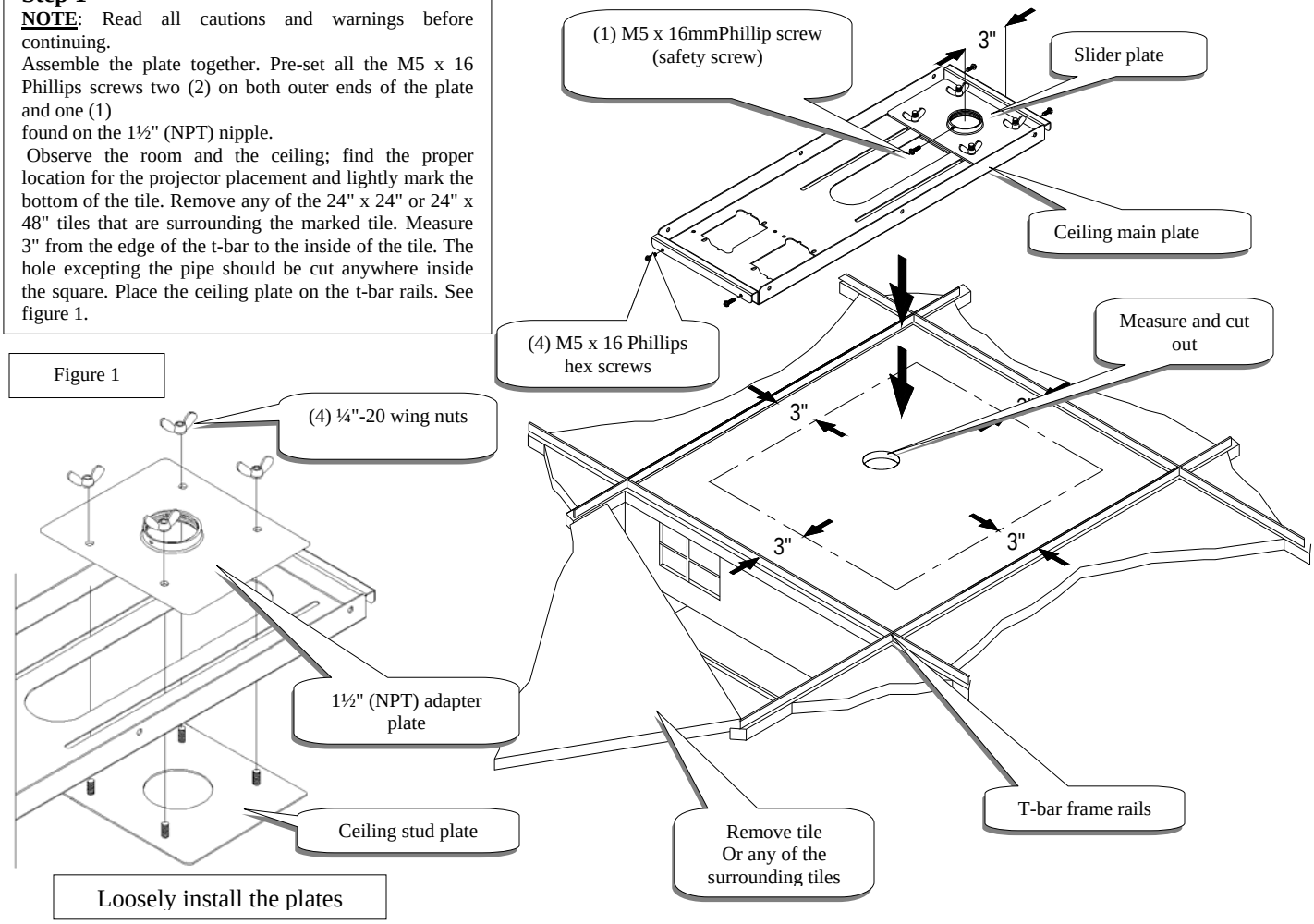
Escutcheon ring

Plate assembly

Step 1

NOTE: Read all cautions and warnings before continuing.
Assemble the plate together. Pre-set all the M5 x 16 Phillips screws two (2) on both outer ends of the plate and one (1)
found on the 1½" (NPT) nipple.
Observe the room and the ceiling; find the proper location for the projector placement and lightly mark the bottom of the tile. Remove any of the 24" x 24" or 24" x 48" tiles that are surrounding the marked tile. Measure 3" from the edge of the t-bar to the inside of the tile. The hole excepting the pipe should be cut anywhere inside the square. Place the ceiling plate on the t-bar rails. See figure 1.

Figure 1



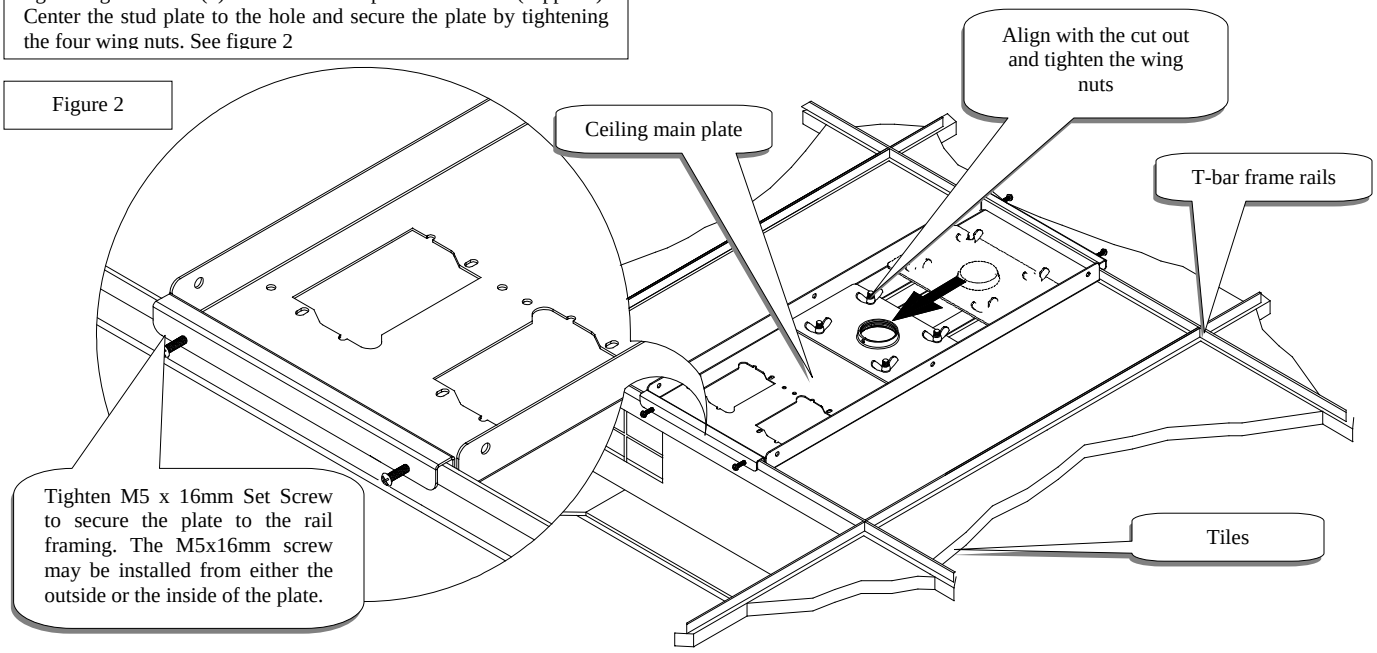
Loosely install the plates

Securing the plate

Step 2

Cut a hole on the marked tile where the 1½" (NPT) close nipple or pipe (optional) will be secured to the plate. Position and slide the stud plate to the hole and secure the ceiling plate to the rails by tightening the four (4) M5 x 16 Phillips head screws (supplied). Center the stud plate to the hole and secure the plate by tightening the four wing nuts. See figure 2

Figure 2

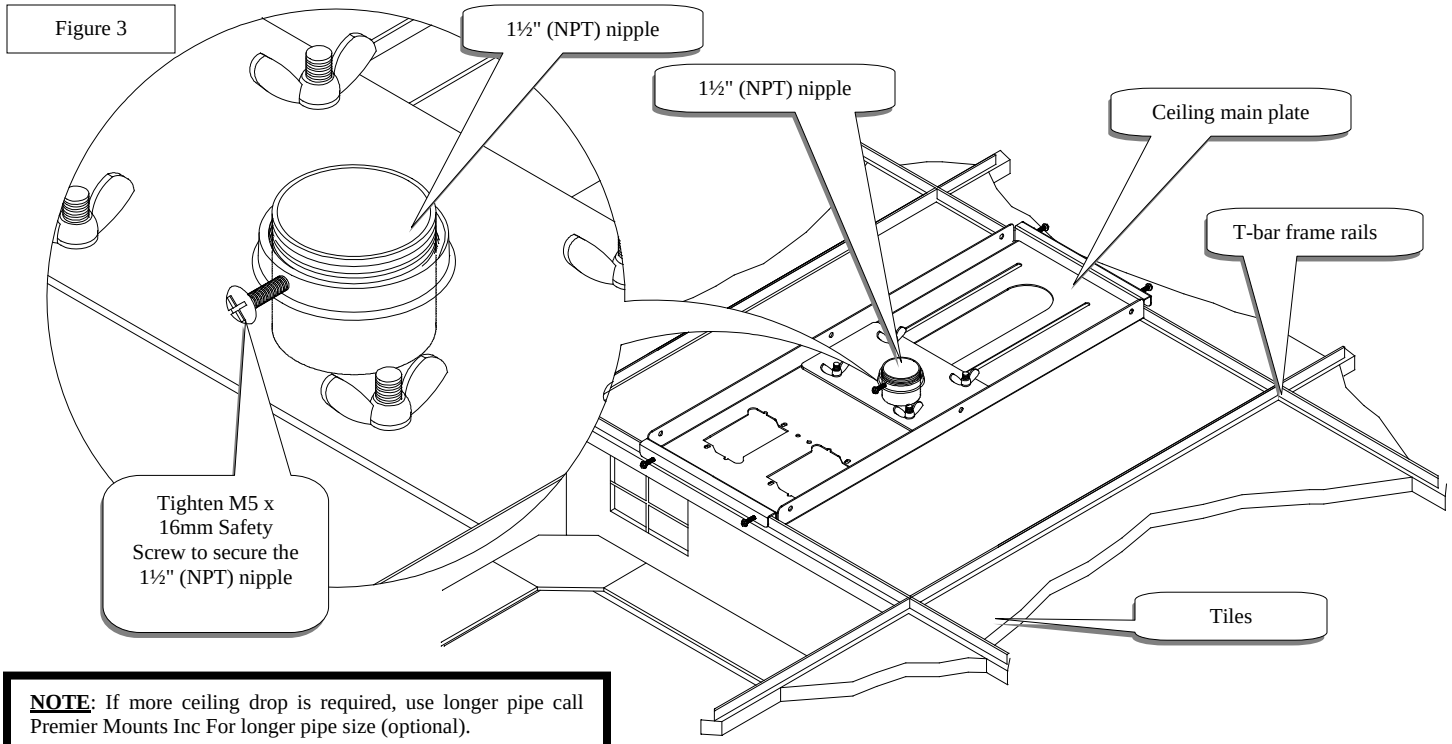

Align with the cut out and tighten the wing nuts
Ceiling main plate
T-bar frame rails
Tighten M5 x 16mm Set Screw to secure the plate to the rail framing. The M5x16mm screw may be installed from either the outside or the inside of the plate.
Tiles

Step 3

Secure the 1½" (NPT) nipple to the ceiling plate and secure the nipple by using one (1) M5 x 16 Phillips head screw (supplied) to the stud plate.

CAUTION: The main ceiling plate has to rest on the t-bar main frame. Use the four (4) M5 x 16 Phillip head screws to secure the plate. Failure to do so may result in the instability of the plate.

Figure 3


1½" (NPT) nipple
1½" (NPT) nipple
Ceiling main plate
T-bar frame rails
Tighten M5 x 16mm Safety Screw to secure the 1½" (NPT) nipple
Tiles

NOTE: If more ceiling drop is required, use longer pipe call Premier Mounts Inc For longer pipe size (optional).

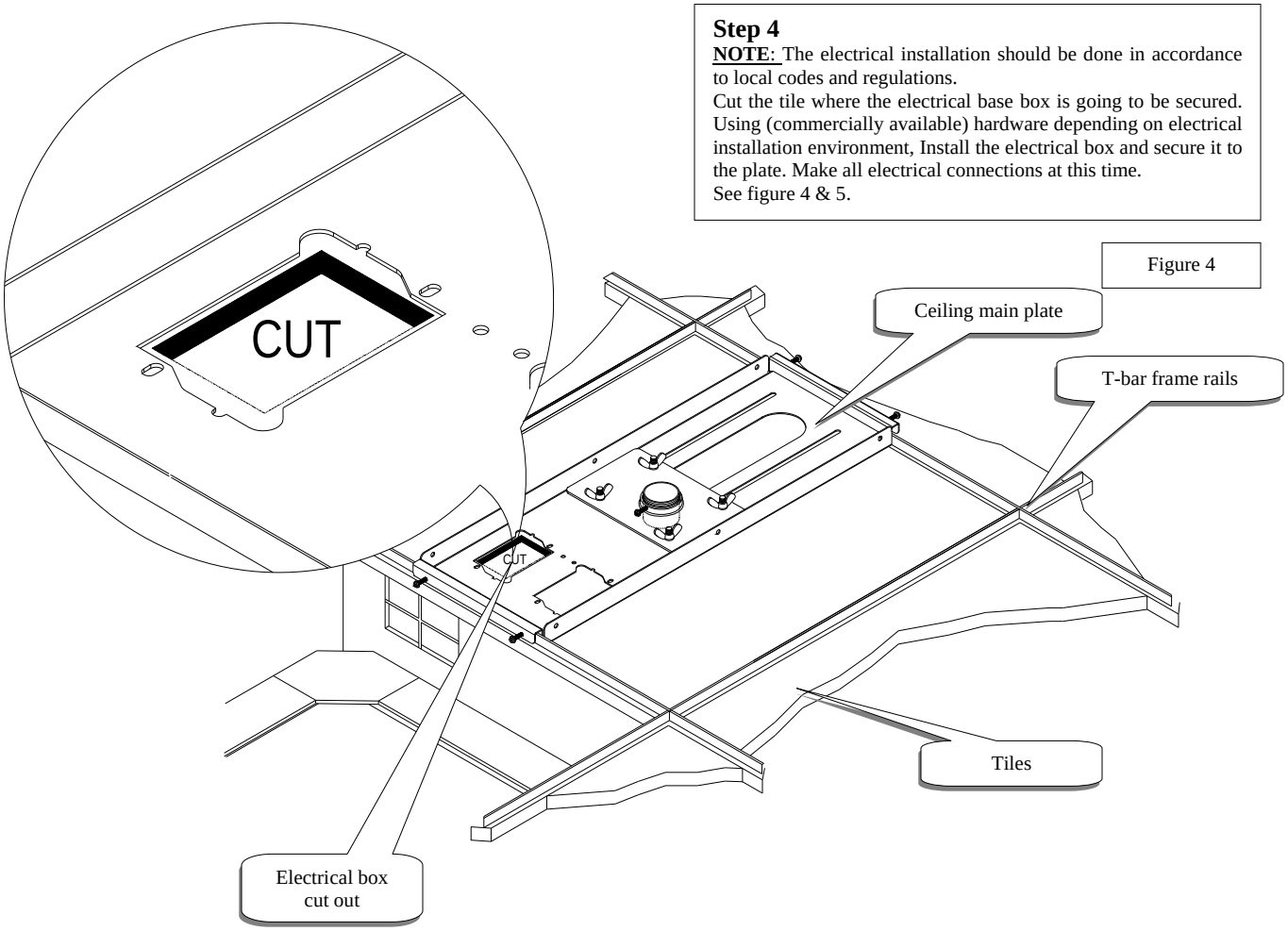
CAUTION: The M5 x 16 Phillip head screw must be used to stabilize the 1½" (NPT) nipple or optional pipe.

Electrical cut out

Step 4

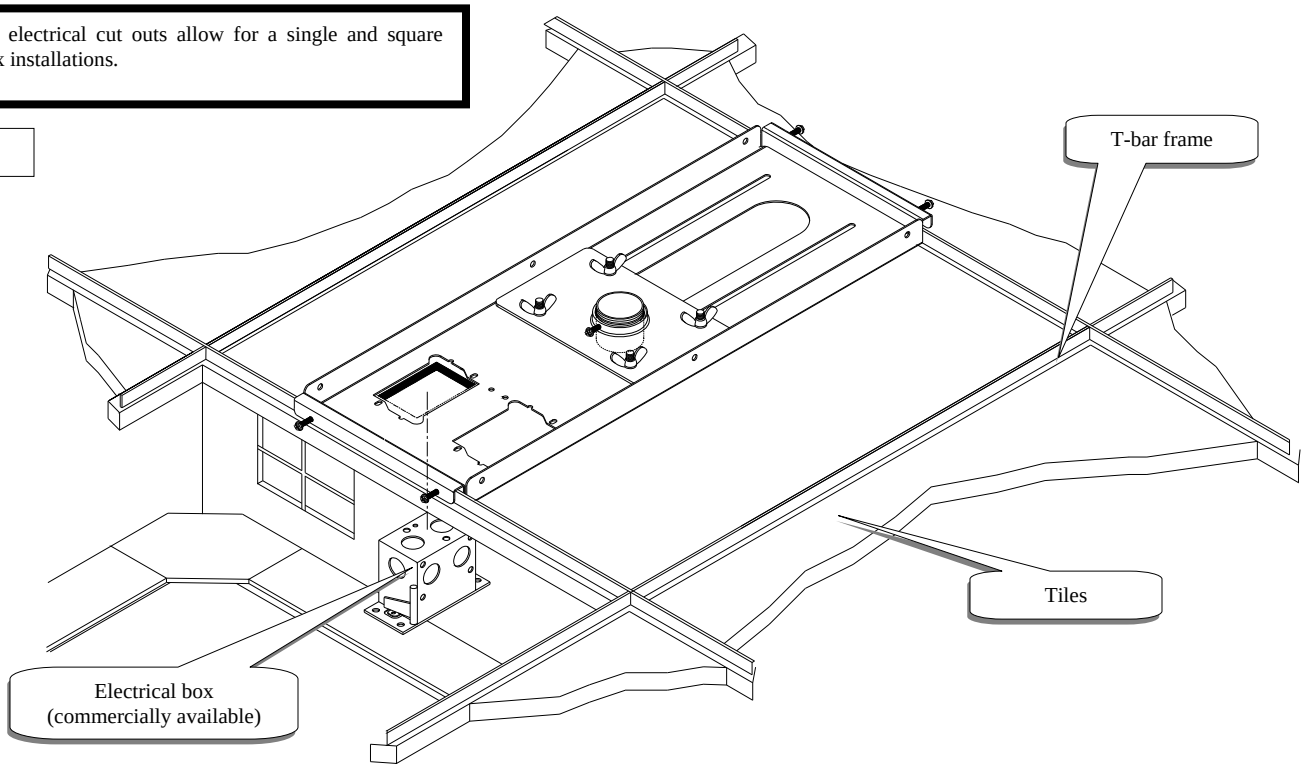
NOTE: The electrical installation should be done in accordance to local codes and regulations.
Cut the tile where the electrical base box is going to be secured. Using (commercially available) hardware depending on electrical installation environment, Install the electrical box and secure it to the plate. Make all electrical connections at this time.
See figure 4 & 5.

Figure 4



NOTE: The electrical cut outs allow for a single and square electrical box installations.

Figure 5



Ceiling anchoring

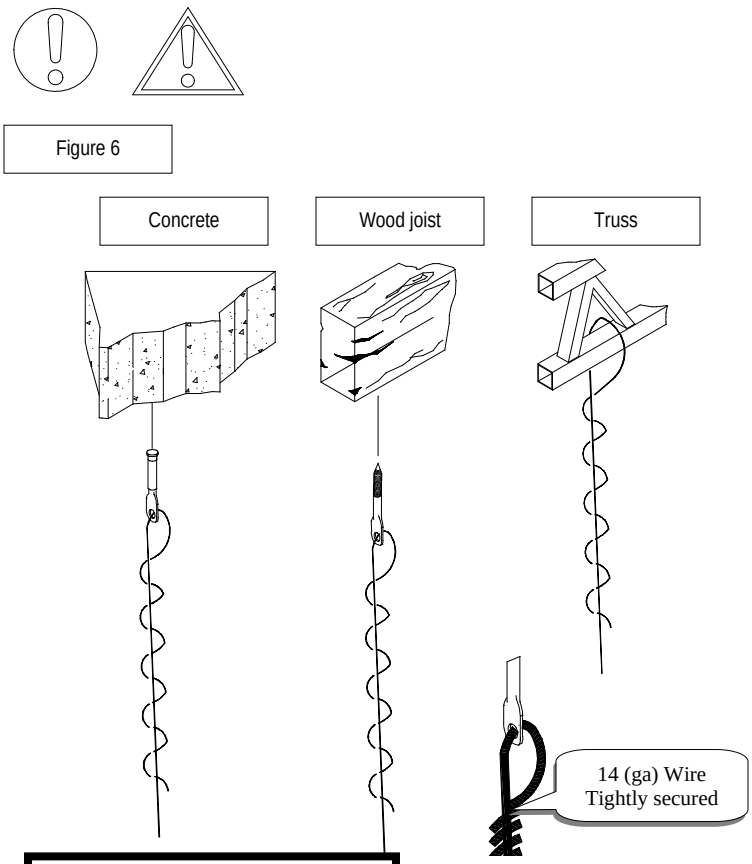
Step 5
Wood joist: Secure the four (4) ¼" eye lag screws to the wood joist on the ceiling. Make sure eye lag screws are properly secured to the joist before securing the wire to the turnbuckles on the plate.
Concrete: Use (commercially available) suitable hardware depending on your installation environment. And follow the instructions below.
Truss ceiling: Use (commercially available) suitable hardware depending on your installation environment. And follow the instructions bellow.

Loop the wire through the eye lag screws, anchors, or truss and twist the wire at least five (5) times itself to secure it. Run the other end of the wire through the turnbuckle and twist the wire at least five (5) times around itself to secure it.
See figure 6 & 7.

CAUTION: The final loop on the wire has to tightly bend and secured to the wire to prevent the wire from untwisting itself. Twist the turnbuckles to fine tune adjust.

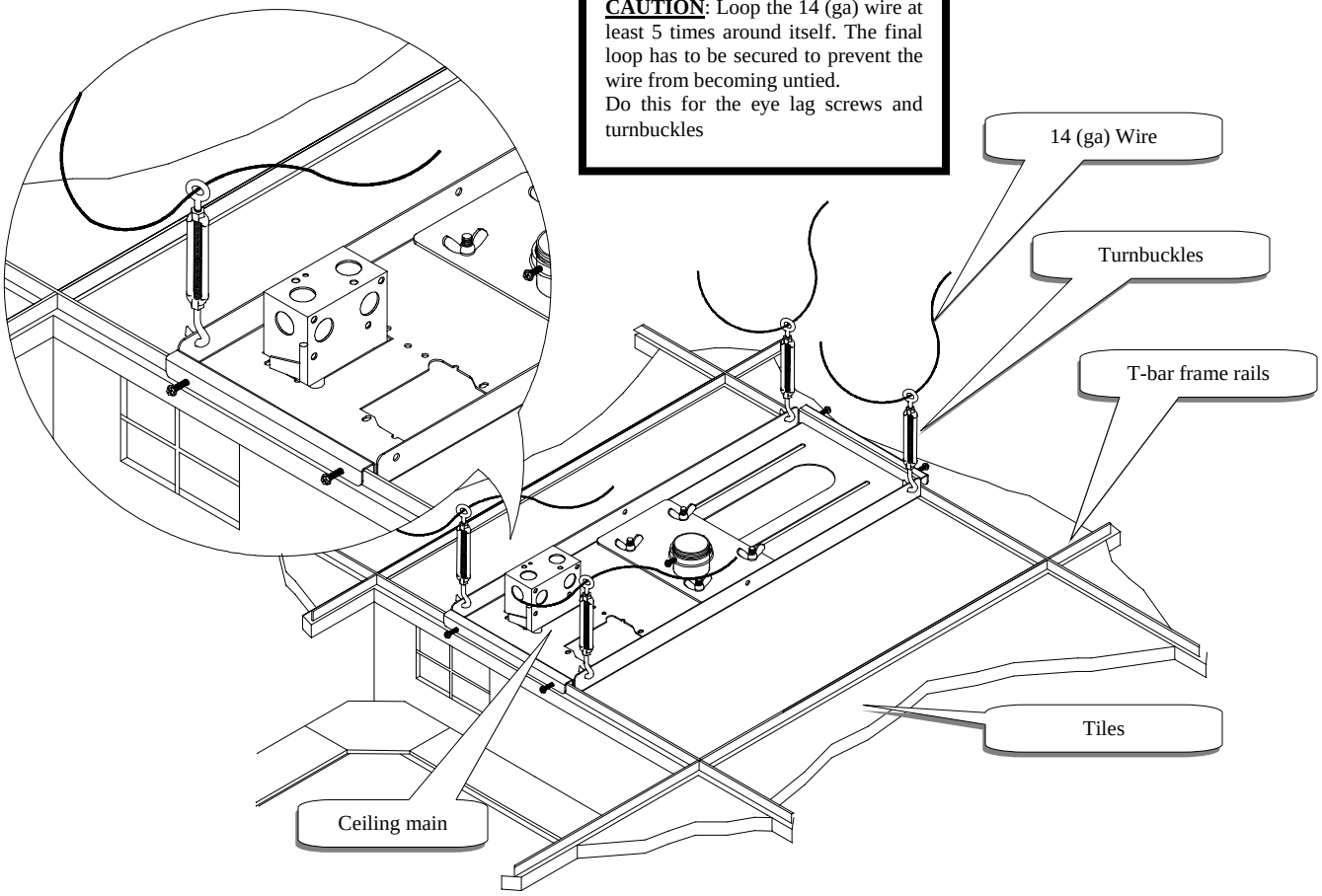
CAUTION: Recheck all hardware and installation for proper tightness and security and replace the tile.

Figure 6



CAUTION: Loop the 14 (ga) wire at least 5 times around itself. The final loop has to be secured to prevent the wire from becoming untied.
Do this for the eye lag screws and turnbuckles

Figure 7



Thank you for choosing PREMIER MOUNTS for your installation needs.
If you have any questions please contact PREMIER MOUNTS
Information is shown on the front of this page.